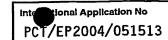
# **INTERNATIONAL SEARCH REPORT**



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B23Q17/22 B23Q17/24

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  $\ensuremath{\text{IPC 7}}$   $\ensuremath{\text{B23Q}}$ 

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
A	US 2001/017699 A1 (EGELHOF JOACHIM) 30 August 2001 (2001-08-30) the whole document	1-17	
A	DE 196 29 616 A (HEILIG & SCHWAB GMBH) 29 January 1998 (1998–01–29) the whole document	1–17	
A	US 3 912 925 A (GASKELL JESSE) 14 October 1975 (1975-10-14) cited in the application the whole document	1–17	
	-/		

Patent family members are listed in annex.		
<ul> <li>"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>		
Date of mailing of the international search report  22/10/2004		
Authorized officer  Müller, A		

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Into Pilonal Application No PCT/EP2004/051513

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